Express Mail No. EV 340 634 903 US

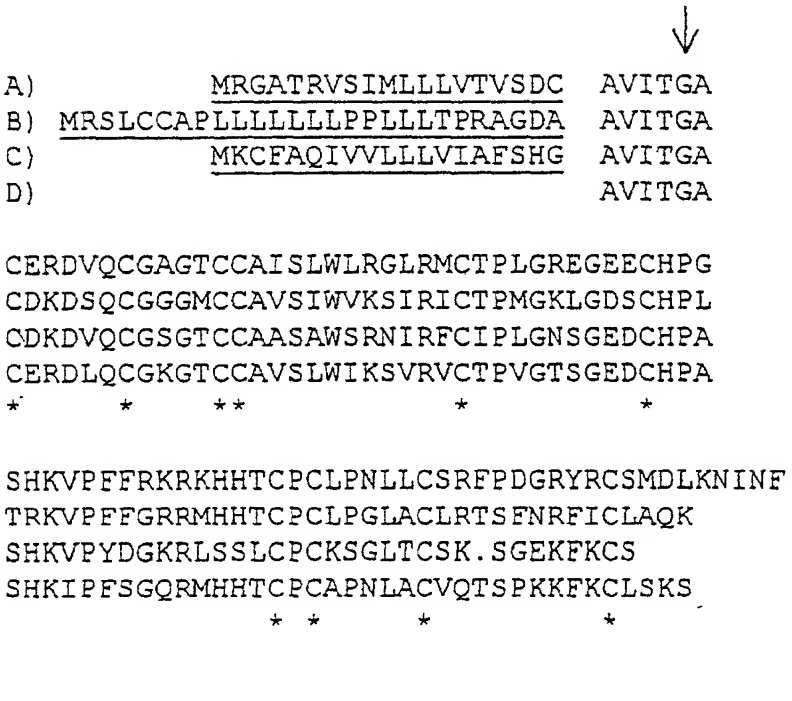
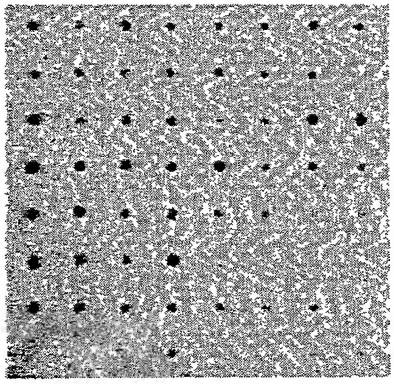


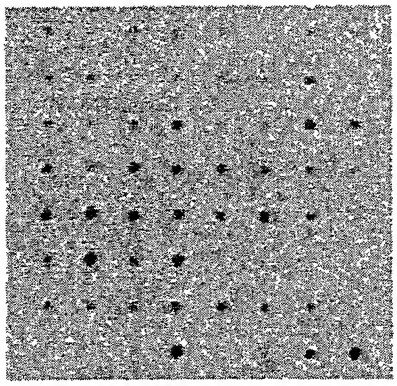
FIGURE 1

10/10/2001 15:56:00

A



B



C

	1	2	3	4	5	6	7	8
A	whole brain	amygdala	caudate nucleus	cere-bellum	cerebral cortex	frontal lobe	hippo-campus	medulla
B	occipital lobe	putamen	substantia nigra	temporal lobe	thalamus	nucleus accumbens	spinal cord	
C	heart	aorta	skeletal muscle	colon	bladder	uterus	prostate	stomach
D	testis	ovary	pancreas	pituitary gland	adrenal gland	thyroid gland	salivary gland	mammary gland
E	kidney	liver	small intestine	spleen	thymus	peripheral leukocyte	lymph node	bone marrow
F	appendix	lung	trachea	placenta				
G	fetal brain	fetal heart	fetal kidney	fetal liver	fetal spleen	fetal thymus	fetal lung	
H	yeast total RNA 10mg	yeast tRNA 1mg	E.coli rRNA 10mg	E.coli DNA 500mg	poly rA+ 20mg	human c-RNA 100mg	human DNA 100mg	human DNA 500mg

D

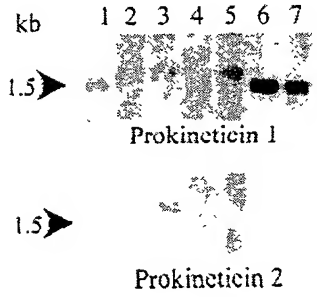


FIGURE 2

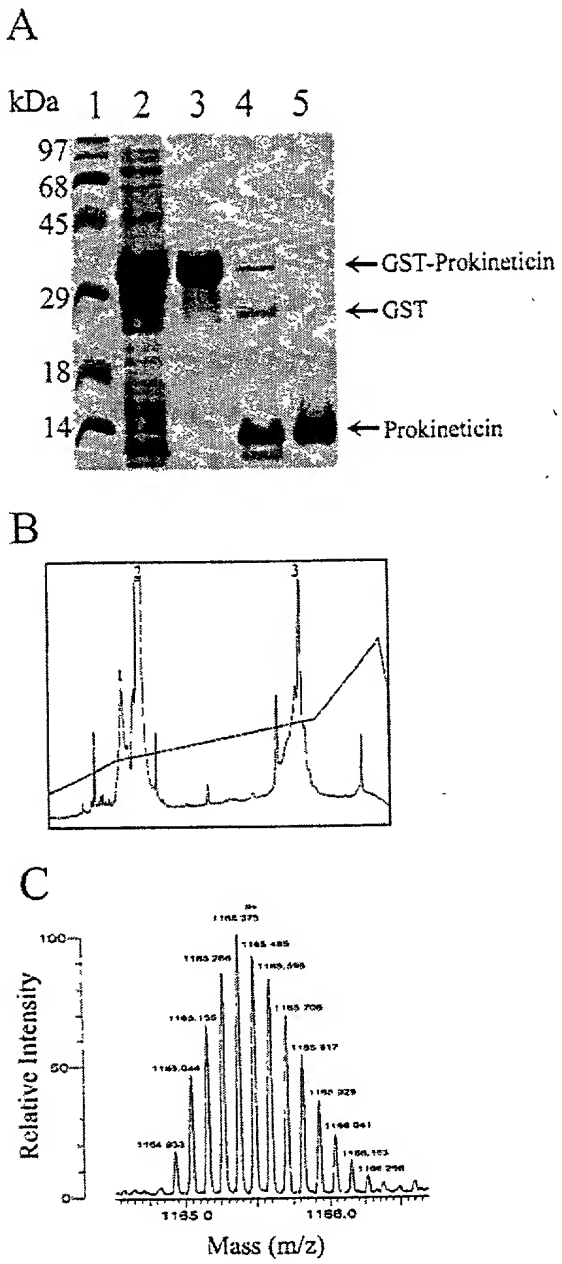

A
kDa 1 2 3 4 5
97
68
45
29
18
14
←GST-Prokineticin
←GST
←Prokineticin
B
C
Relative Intensity
100
50
0
1165.375
1165.485
1165.266
1165.595
1165.156
1165.705
1165.046
1165.817
1164.937
1165.929
1166.041
1166.153
1166.266
1165.0
1166.0
Mass (m/z)

FIGURE 3

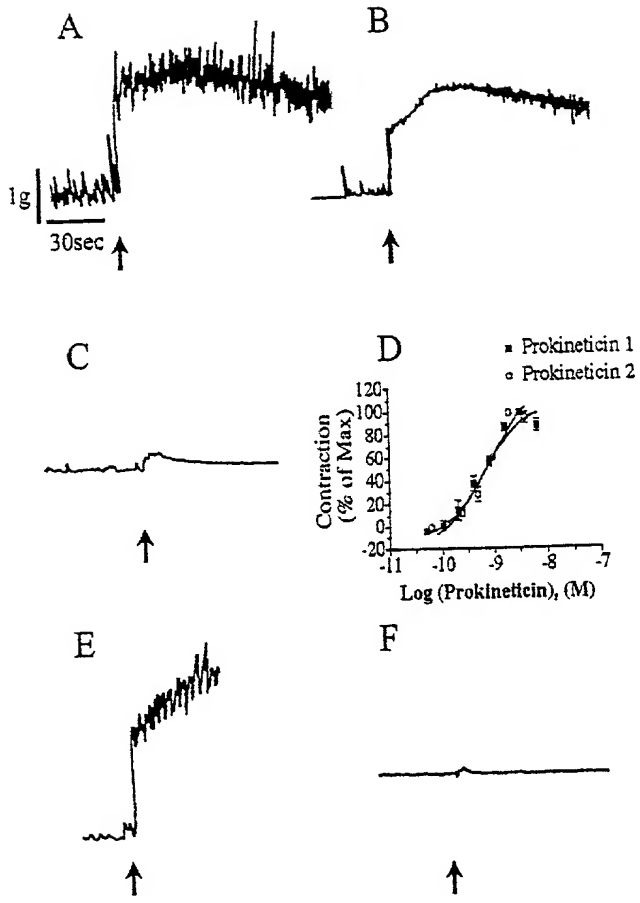
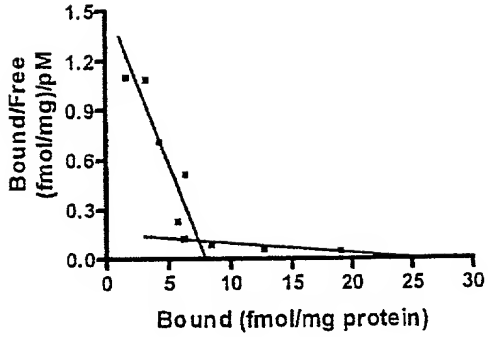

A
B
1g
30sec
C
D
Prokineticin 1
Prokineticin 2
Contraction (% of Max)
120
100
80
60
40
20
0
-20
-11
-10
-9
-8
-7
Log (Prokineticin), (M)
E
F

FIGURE 4

10/534,801

A



B

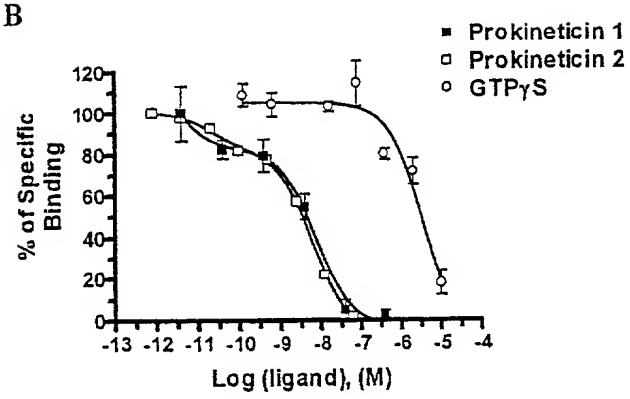
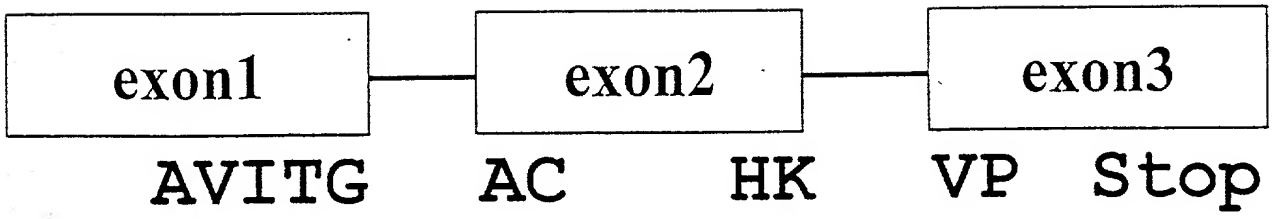


FIGURE 5



Attorney Docket

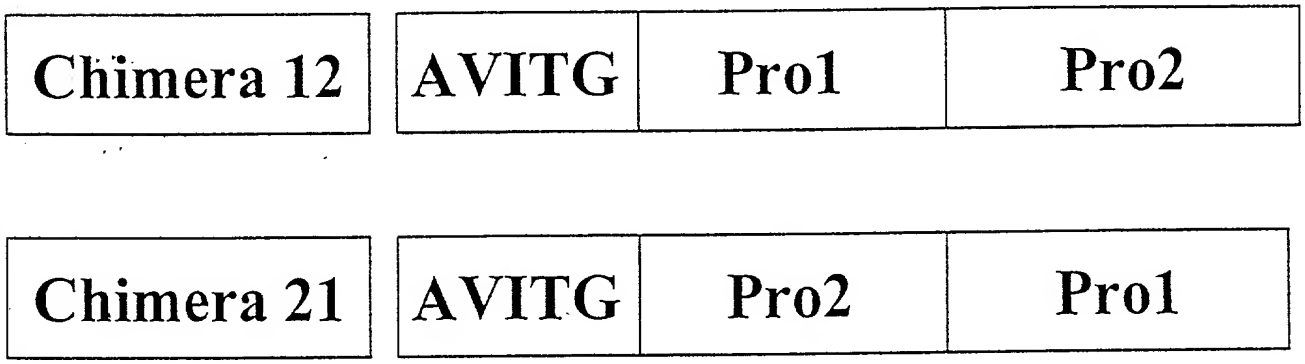
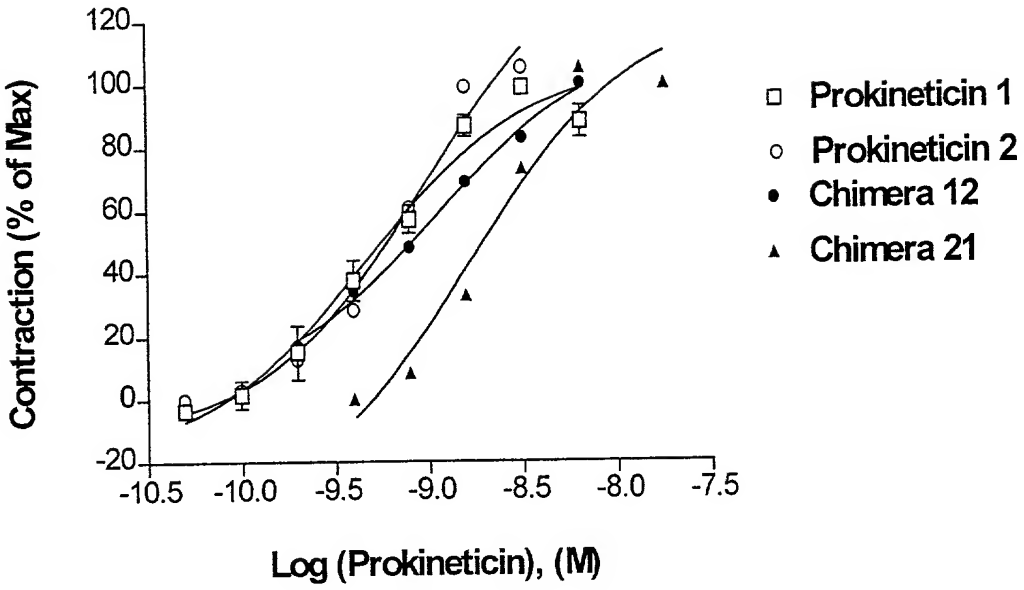


FIGURE 6

A


Contraction (% of Max)
120
100
80
60
40
20
0
-20
-10.5
-10.0
-9.5
-9.0
-8.5
-8.0
-7.5
Log (Prokineticin), (M)
Prokineticin 1
Prokineticin 2
Chimera 12
Chimera 21

B

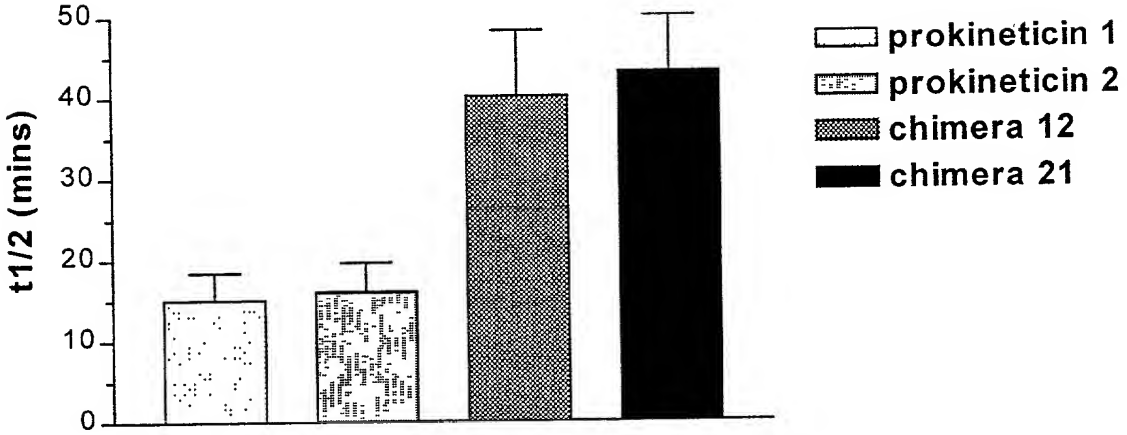
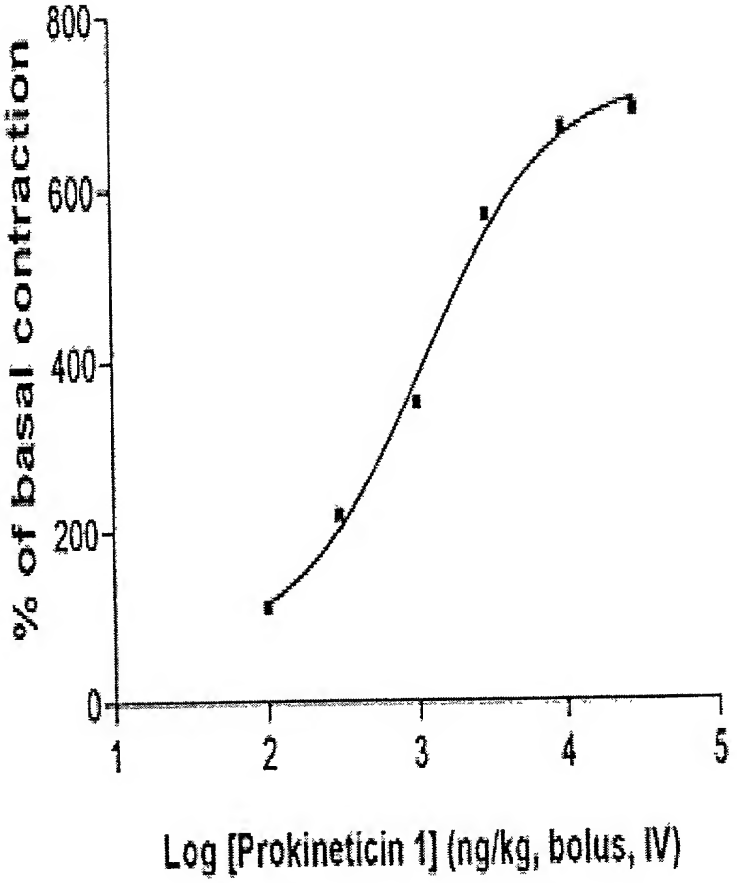

t1/2 (mins)
50
40
30
20
10
0
prokineticin 1
prokineticin 2
chimera 12
chimera 21

FIGURE 7

Application Serial No.

A



B

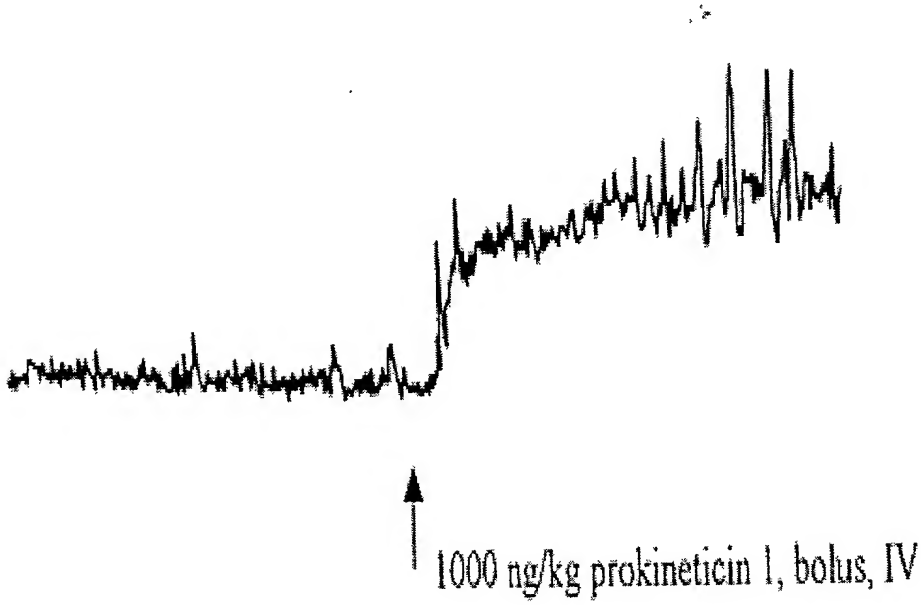


FIGURE 8

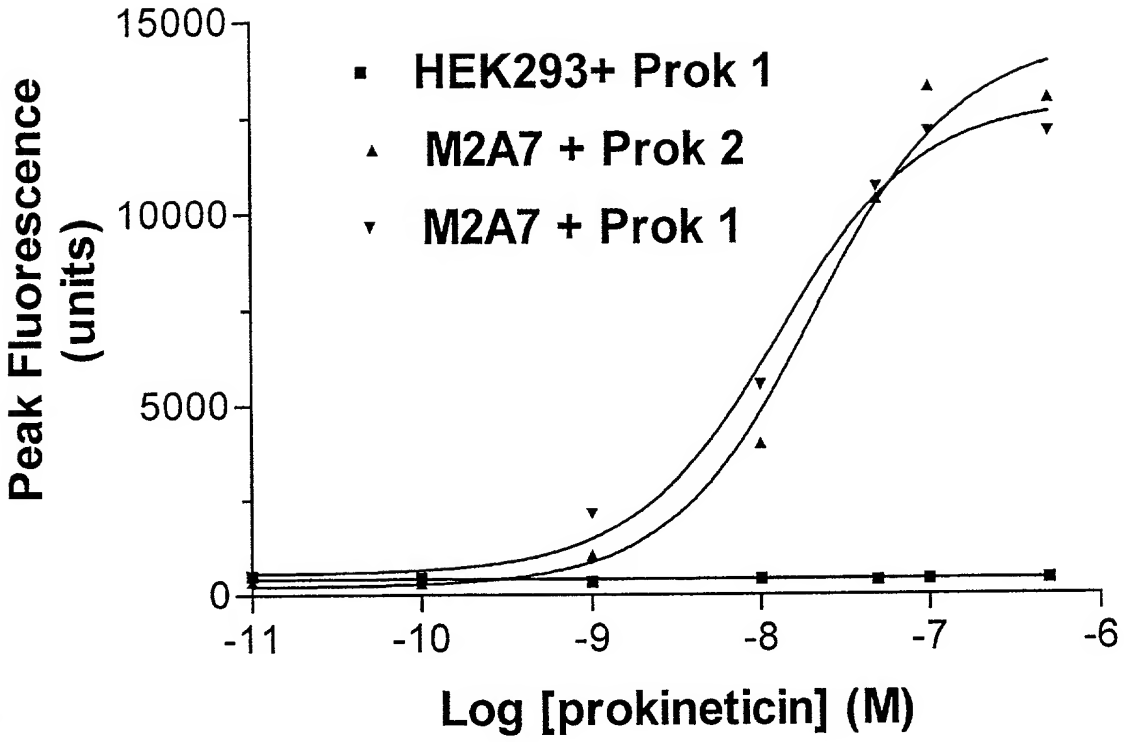

15000
10000
5000
0
Peak Fluorescence (units)
HEK293+ Prok 1
M2A7 + Prok 2
M2A7 + Prok 1
-11
-10
-9
-8
-7
-6
Log [prokineticin] (M)

FIGURE 9